UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/006,618	12/10/2001	Akihiko Fujiwara	036741-0108	1127

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EXAMINER
LETT, THOMAS J

ART UNIT	PAPER NUMBER
2626	

DATE MAILED: 03/22/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<table>
<tr><td rowspan="3">Office Action Summary</td><td colspan="2">Application No.
10/006,618</td><td colspan="2">Applicant(s)
FUJIWARA, AKIHIKO</td></tr>
<tr><td colspan="2">Examiner</td><td>Art Unit</td><td></td></tr>
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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>27 March 2002</u>.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) <u>1-14</u> is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) <u>1-14</u> is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☒ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on <u>27 March 2002</u> is/are: a)☒ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
    Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: _____.

DETAILED ACTION

Specification

1.   The abstract of the disclosure is objected to because the phrase "time series"

should be changed to read "sequence".   Correction is required. See MPEP

§ 608.01(b).

Claim Objections

2.   Claims 1 and 8 are objected to because of the following informalities: the phrase

"time series" should be changed to read "sequence". Appropriate correction is required.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3.   Claims 1-14 are rejected under 35 U.S.C. 102(e) as being anticipated by Wakai

et al (USPN 6,587,861 B1).

With respect to claim 1, Wakai et al disclose a job executing system in which,

with respect to a same processing object, designated jobs are executed in a time series,

comprising:

job management means (daemon module 105) for managing an input-related

candidate job which executes chiefly input processing (monitors the job stored in the

database 104, col. 10, lines 43-44), and an output-related candidate job which executes

chiefly output processing (performs printing, transmission, or notification, col. 10, lines

44-46); and

job synthesizing means (daemon module 105) for generating, according to a

user's operation, a synthetic job (an action polled from database 104, col. 23, lines 26-

28) constituted by an input-related candidate job which has been already executed, and

an output-related candidate job which will be executed hereafter (a job to printer 209).

With respect to claim 2, Wakai et al disclose a job executing system according to

claim 1, in which a graphical user interface environment is provided (a module (a GUI

module or a daemon module), col. 23, lines 21-22), wherein there is provided screen

displaying means for displaying, on a screen, interactive figure elements each indicative

of its associated candidate job (to select a job, a user touches a displayed button of a

desired job name, col. 31, lines 43-45); and

according to user's operations to some of the interactive figure elements, their

associated candidate jobs are synthesized so as to obtain a synthetic job (an action

polled from database 104, col. 23, lines 26-28).

With respect to claim 3, Wakai et al disclose a job executing system according to

claim 2,

wherein when the number of the input-related candidate jobs is two or more (jobs

stored in the database 104 are monitored by the daemon module 105 via the database

manager 209, col. 11, lines 29-30), the input-related candidate jobs are associated with their respective input means (database 104); and

when the number of the output-related candidate jobs is two or more (jobs stored in the database 104 are monitored by the daemon module 105 via the database manager 209, col. 11, lines 29-30), the output-related candidate jobs are associated with their respective output means (printer 209).

With respect to claim 4, Wakai et al disclose a job executing system according to claim 2,

wherein there is provided standard setting information management means (GetJobAttributes processing, col. 27, lines 63-64) for accumulating and managing standard output setting information indicative of a standard attribute of the output-related candidate job (a search is made for details concerning the associated action, and these are set in the JobMessage, col. 27, lines 66-67); and

according to a user's operation, the synthetic job (an action polled from database 104, col. 23, lines 26-28) thus obtained is executed while using the standard output setting information.

With respect to claim 5, Wakai et al disclose a job executing system according to claim 3, in which, by means of user's operations to interactive figure elements (a module (a GUI module or a daemon module), col. 23, lines 21-22),

selection of an interactive figure element indicative of an input-related candidate job and selection of an interactive figure element indicative of an output-related candidate job are sequentially conducted to generate a synthetic job (pending jobs are

displayed in a list, and a process initiated to perform the actions, col. 19, lines 23-26),

wherein there is provided synthesis possibility judging means (daemon module 105) for

judging, on the basis of a relationship between a characteristic of the input means thus

associated and a characteristic of the output means thus associated, whether or not a

synthesis (an action polled from database 104, col. 23, lines 26-28) can be conducted

between an input-related or output-related job which has been already selected, and

an output-related or input-related job which is intended to be selected by a user's

operation (a list is obtained of all the jobs for a designated user, and the details in the

list are compared with the details for the Search Data object, col. 29, lines 29-31); and

when the synthesis possibility judging means (daemon module 105) judges that the

synthesis cannot be conducted, a change is made to a display of the interactive figure

element indicative of the output-related or input-related candidate job which is intended

to be selected (if there are no actions for other users and all the actions have been done

or canceled, at step S9708 the record for this job is deleted from the job table, col. 28,

lines 28-31).

 With respect to claim 6, Wakai et al disclose a job executing system according to

claim 3, in which, by means of user's operations to interactive figure elements,

 selection of an interactive figure element indicative of an input-related candidate

job and selection of an interactive figure element indicative of an output-related

candidate job are sequentially conducted (pending jobs are displayed in a list, and a

process initiated to perform the actions, col. 19, lines 23-26) to generate a synthetic job

(an action polled from database 104, col. 23, lines 26-28), wherein there is provided a

limitation content examining means for examining, on the basis of a relationship

between a characteristic (GetJobAttributes processing, col. 27, lines 63-64) of the input

means thus associated and a characteristic of the output means thus associated,

a content of a limitation imposed when a synthesis is conducted between an

input-related or output-related candidate job which has been already selected, and an

output-related or input-related candidate job which is intended to be selected by a user's

operation (a search is made for details concerning the associated action, and these are

set in the JobMessage, col. 27, lines 66-67); and

according to an examination result made by the limitation content examining

means, a change is made to a display of the interactive figure element indicative of the

output-related or input-related candidate job which is intended to be selected (if there

are no actions for other users and all the actions have been done or canceled, at step

S9708 the record for this job is deleted from the job table, col. 28, lines 28-31).

With respect to claim 7, Wakai et al disclose a job executing system according to

claim 3, in which, by means of user's operations to interactive figure elements, selection

of an interactive figure element indicative of an input-related candidate job and selection

of an interactive figure element indicative of an output-related candidate job are

sequentially conducted (pending jobs are displayed in a list, and a process initiated to

perform the actions, col. 19, lines 23-26) to generate a synthetic job (an action polled

from database 104, col. 23, lines 26-28), wherein based on an operating state of the

output means, a change is made a display of the interactive figure element (if there are

no actions for other users and all the actions have been done or canceled, at step

S9708 the record for this job is deleted from the job table, col. 28, lines 28-31) indicative

of the output-related or input-related candidate job, which is intended to be selected by

a user's operation.

Claim 8, a method claim, is rejected for the same reasoning as that of claim 1.

Claim 9, a method claim, is rejected for the same reasoning as that of claim 2.

Claim 10, a method claim, is rejected for the same reasoning as that of claim 3.

Claim 11, a method claim, is rejected for the same reasoning as that of claim 4.

Claim 12, a method claim, is rejected for the same reasoning as that of claim 5.

Claim 13, a method claim, is rejected for the same reasoning as that of claim 6.

Claim 14, a method claim, is rejected for the same reasoning as that of claim 7.

Conclusion

The prior art made of record and not relied upon is considered pertinent to

applicant's disclosure. Hazama et al (USPN 6,0658,57 A) discloses a graphical

interactive job creation method and apparatus that compares previously created jobs

with a proposed job prepared for output.

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Thomas J. Lett whose telephone number is 703-305-

8733. The examiner can normally be reached on 7-3:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Kimberly A. Williams can be reached on 703-305-4863. The fax phone

number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

TJL

KIMBERLY WILLIAMS
SUPERVISORY PATENT EXAMINER